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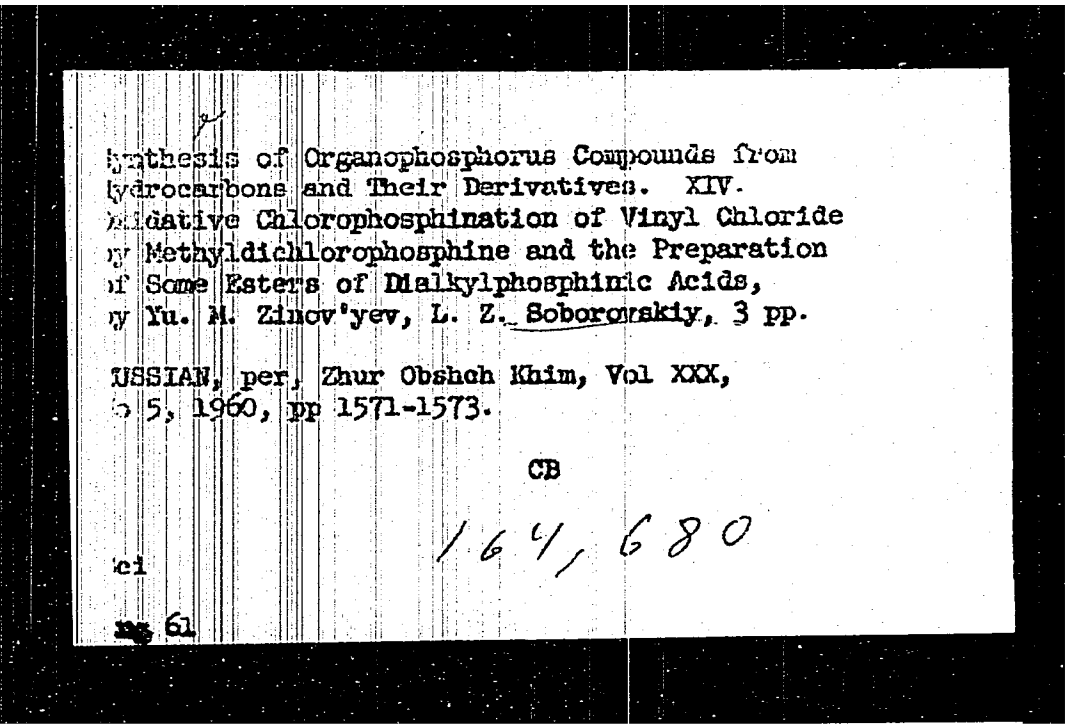

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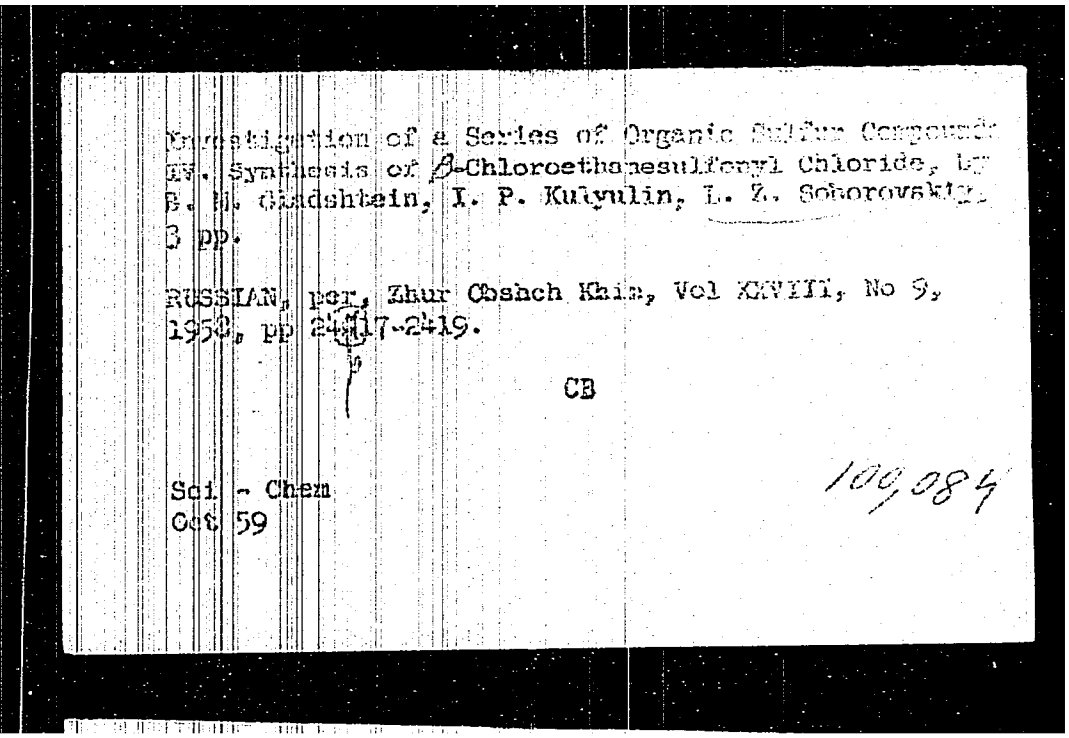

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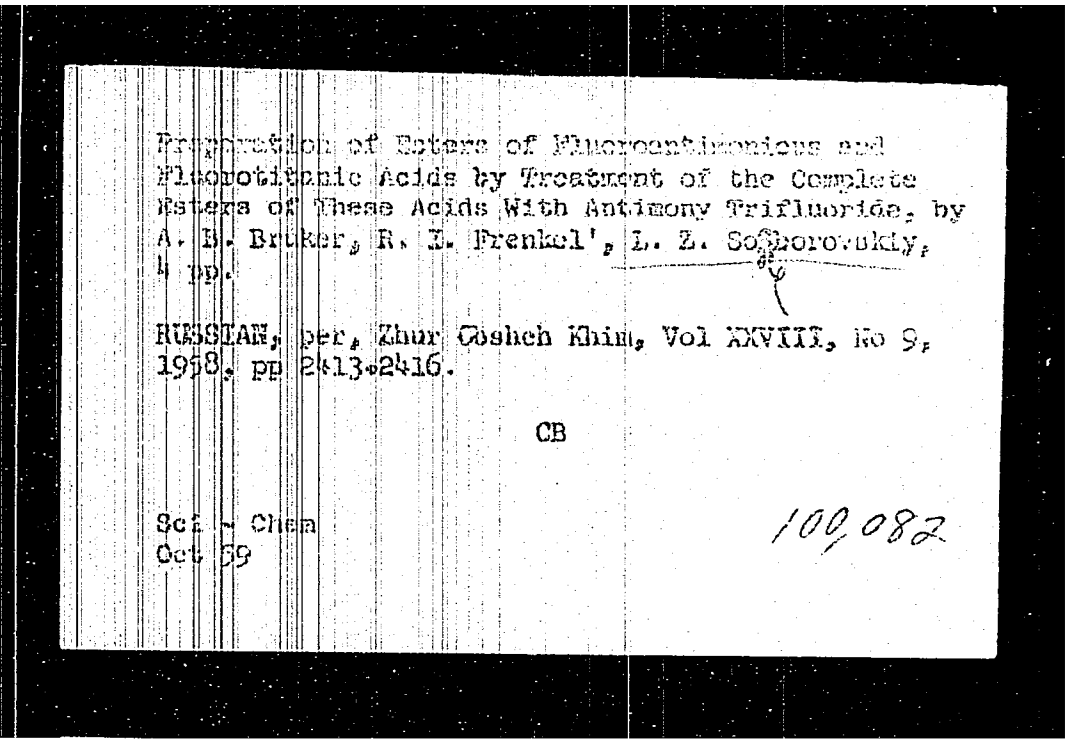

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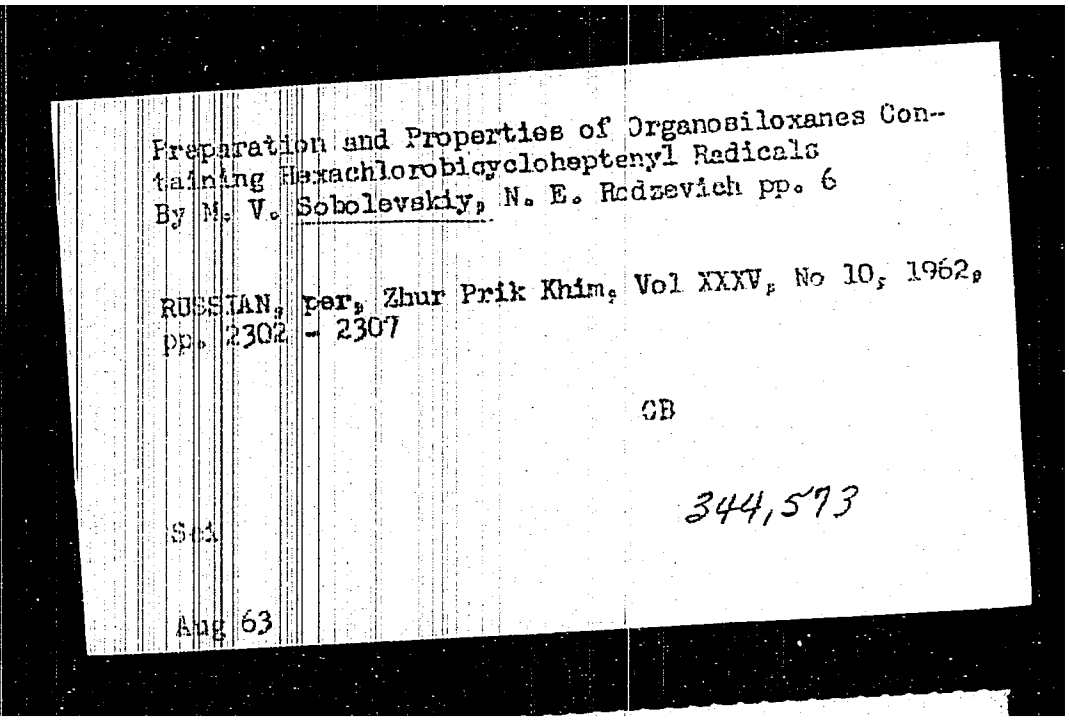

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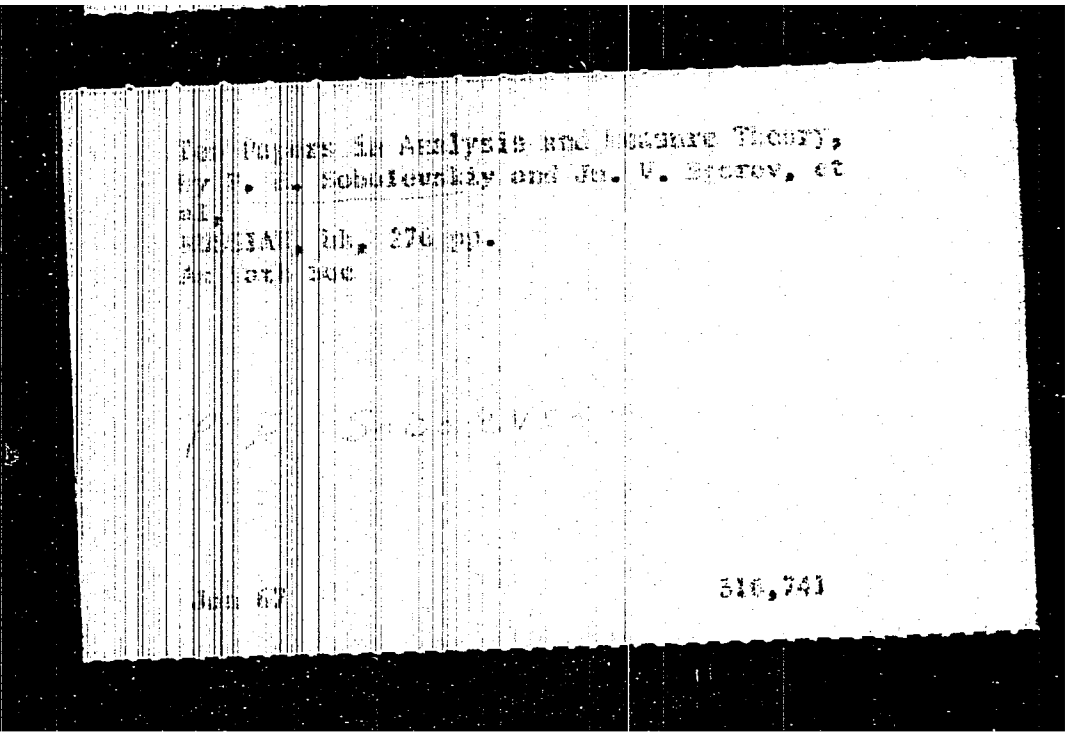

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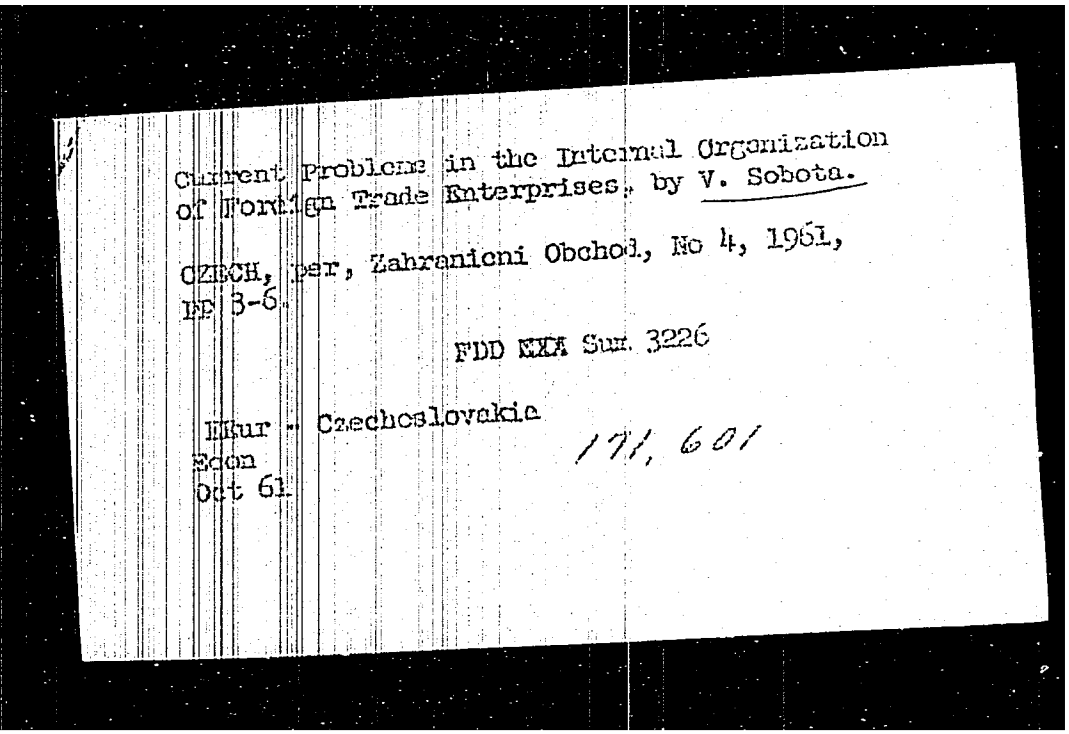

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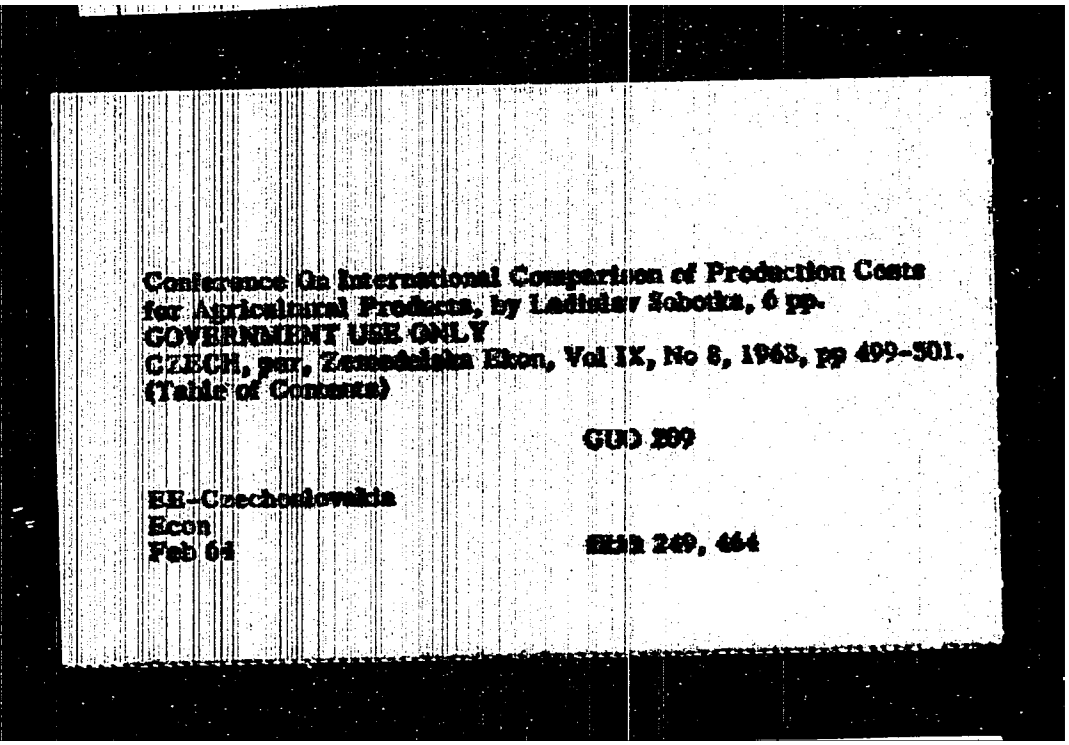

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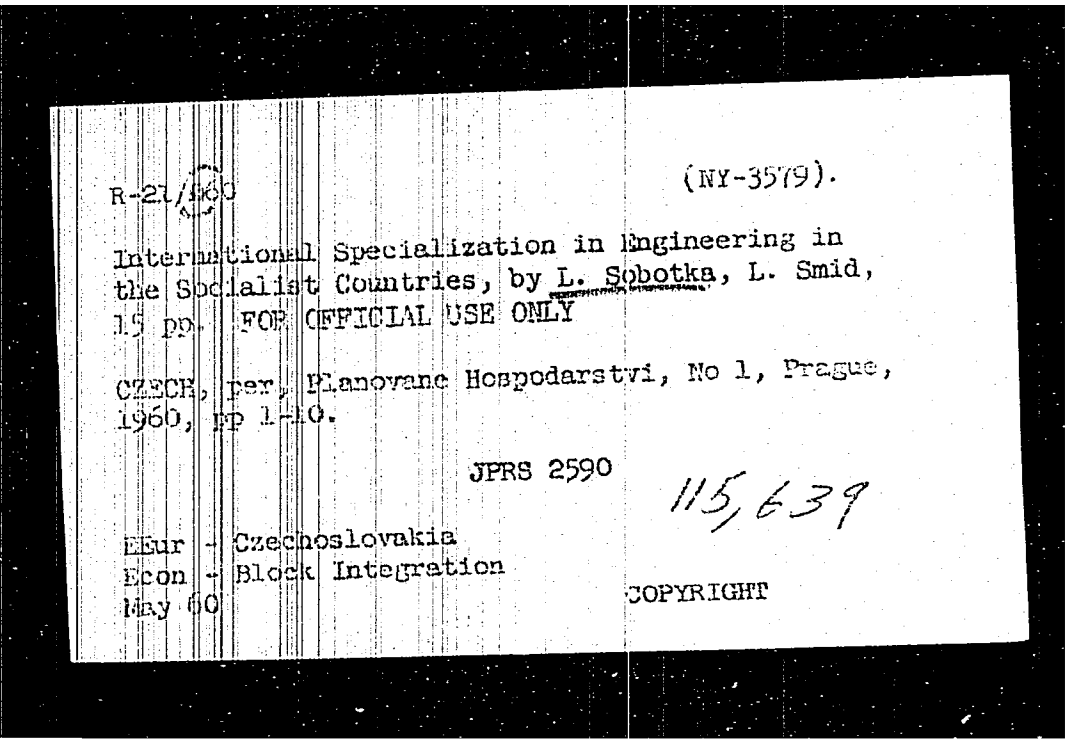

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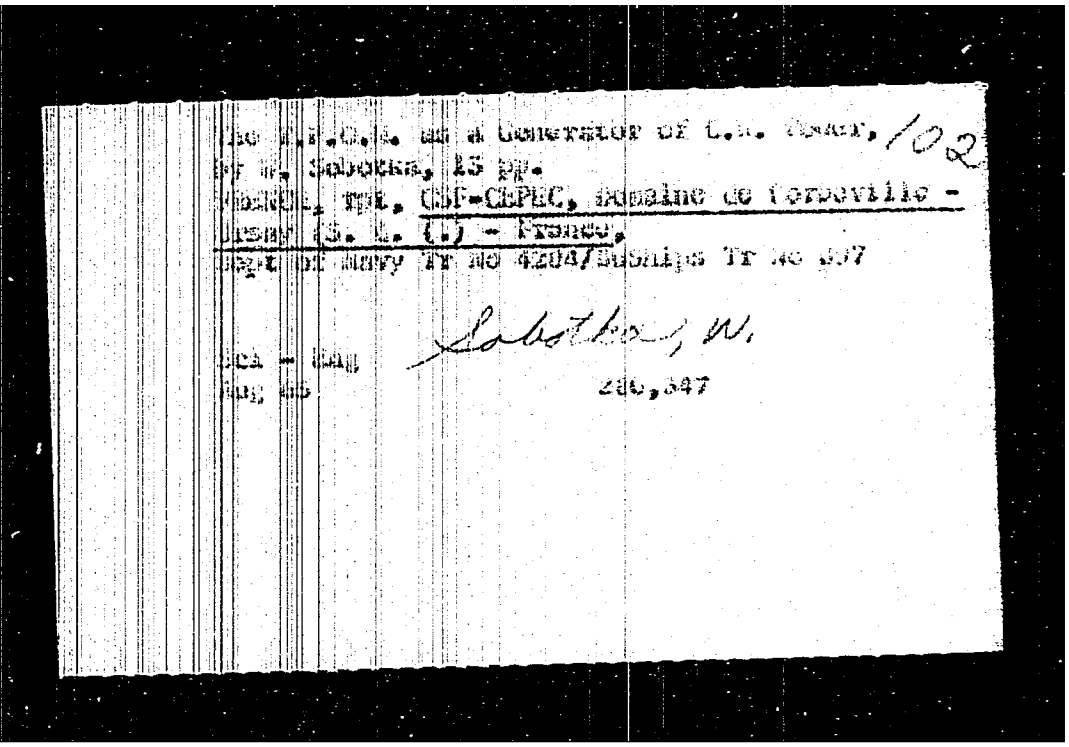

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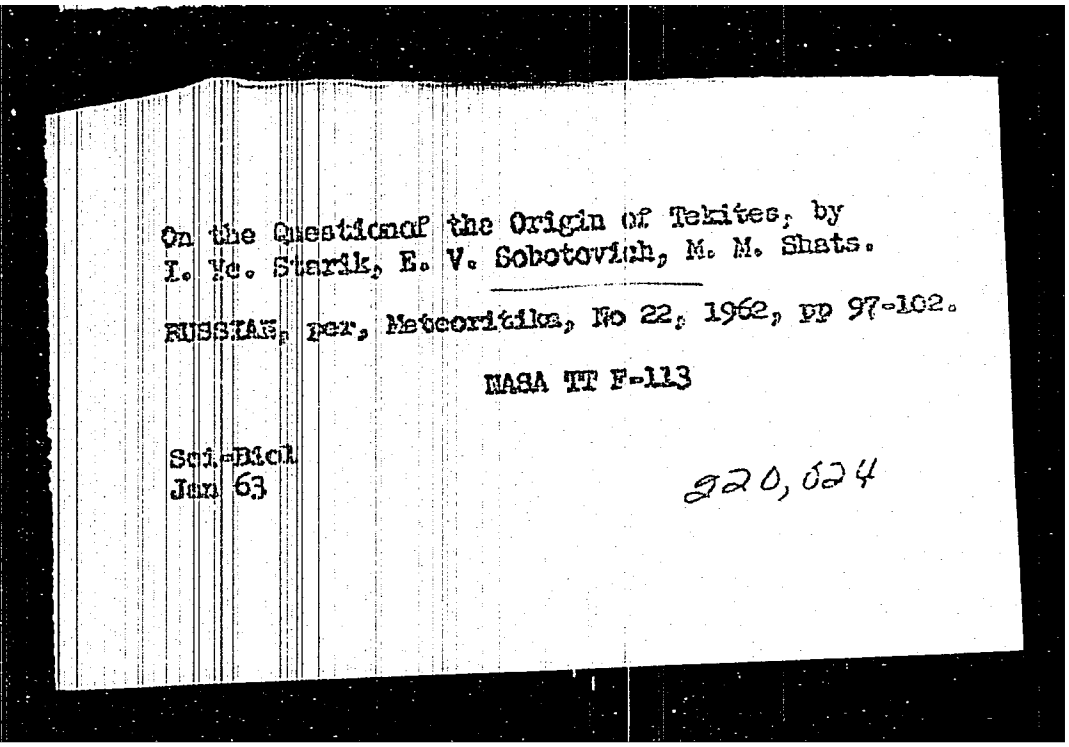

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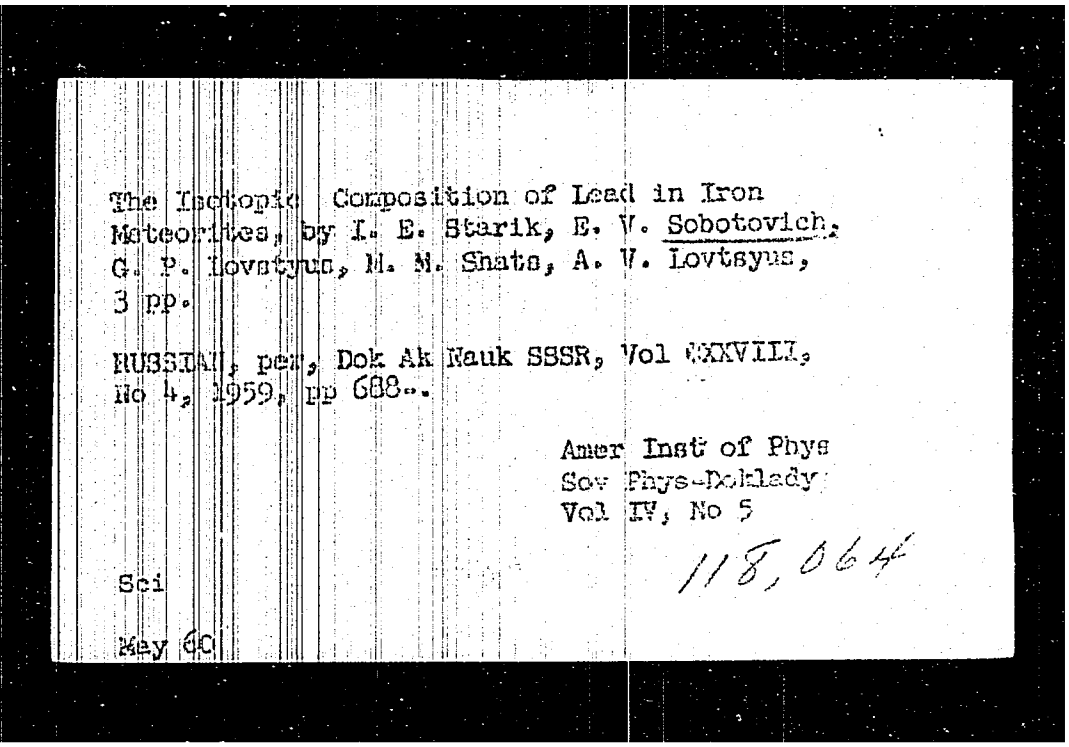

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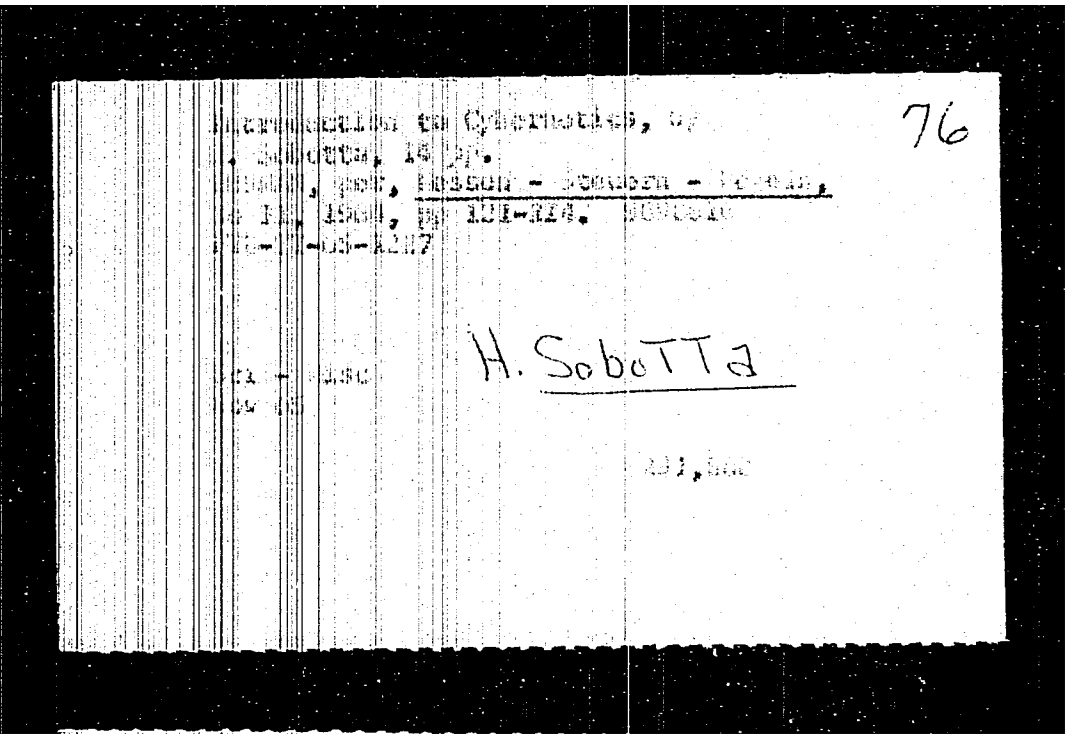

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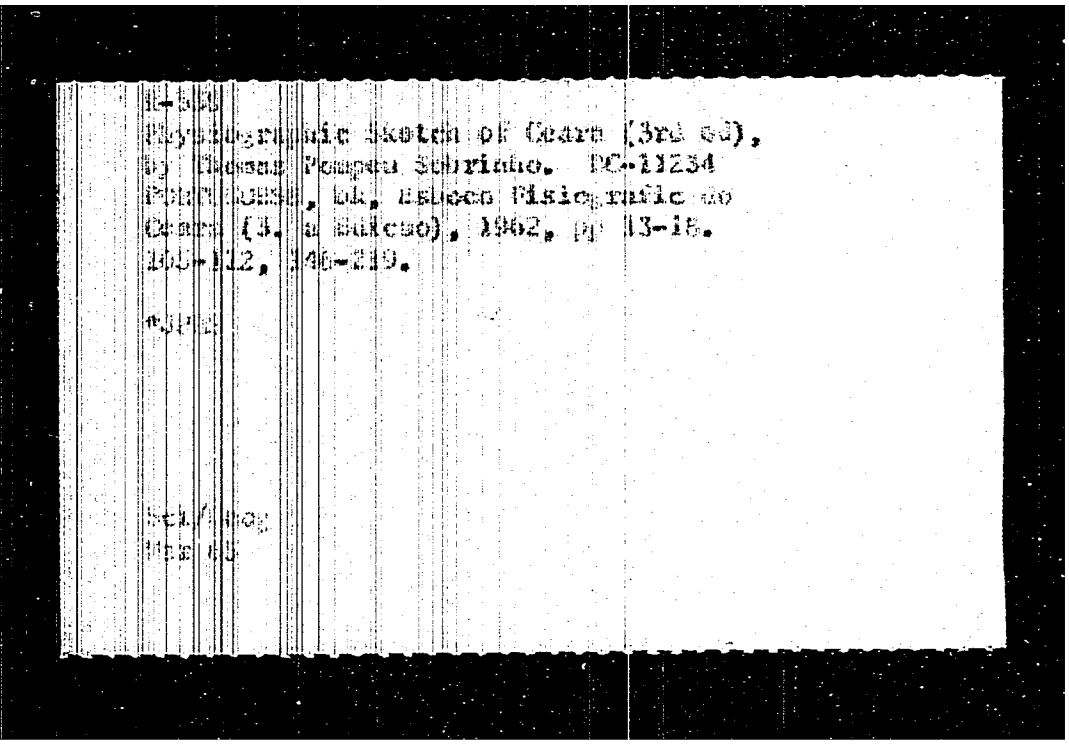

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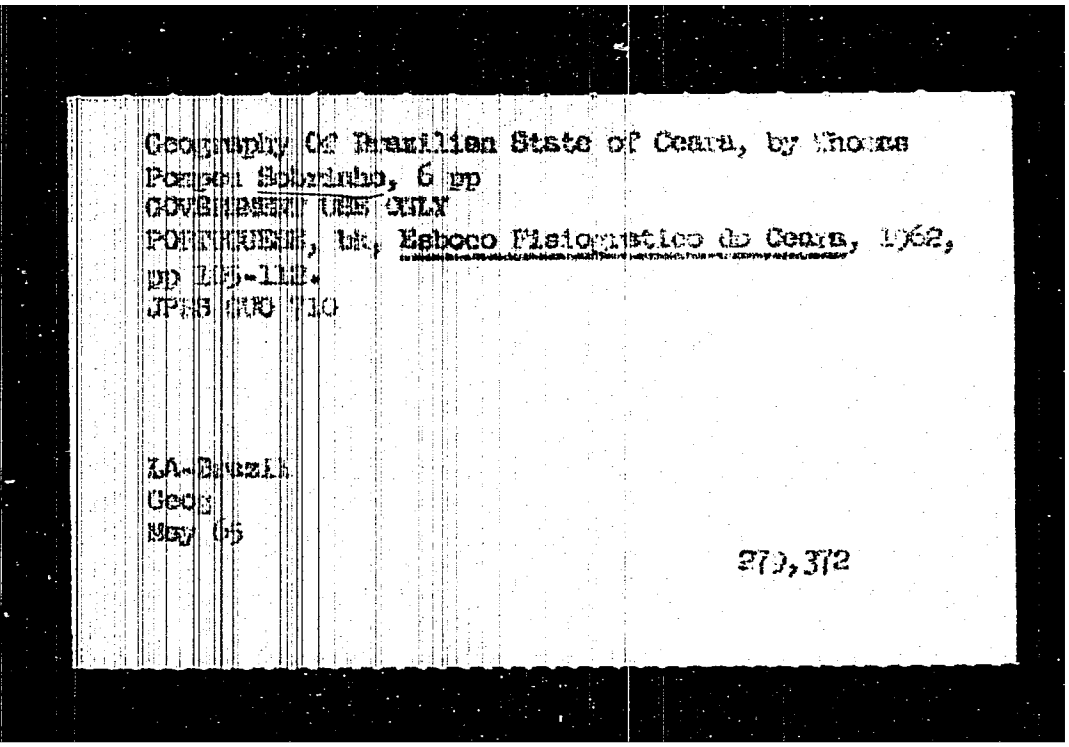

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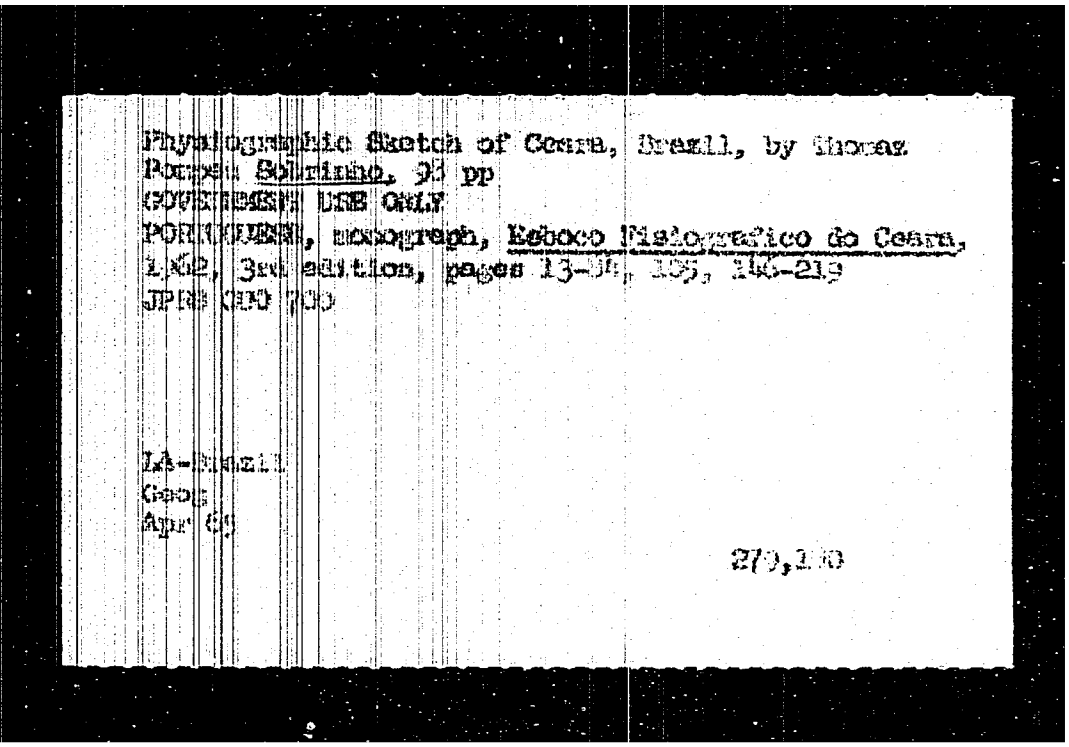

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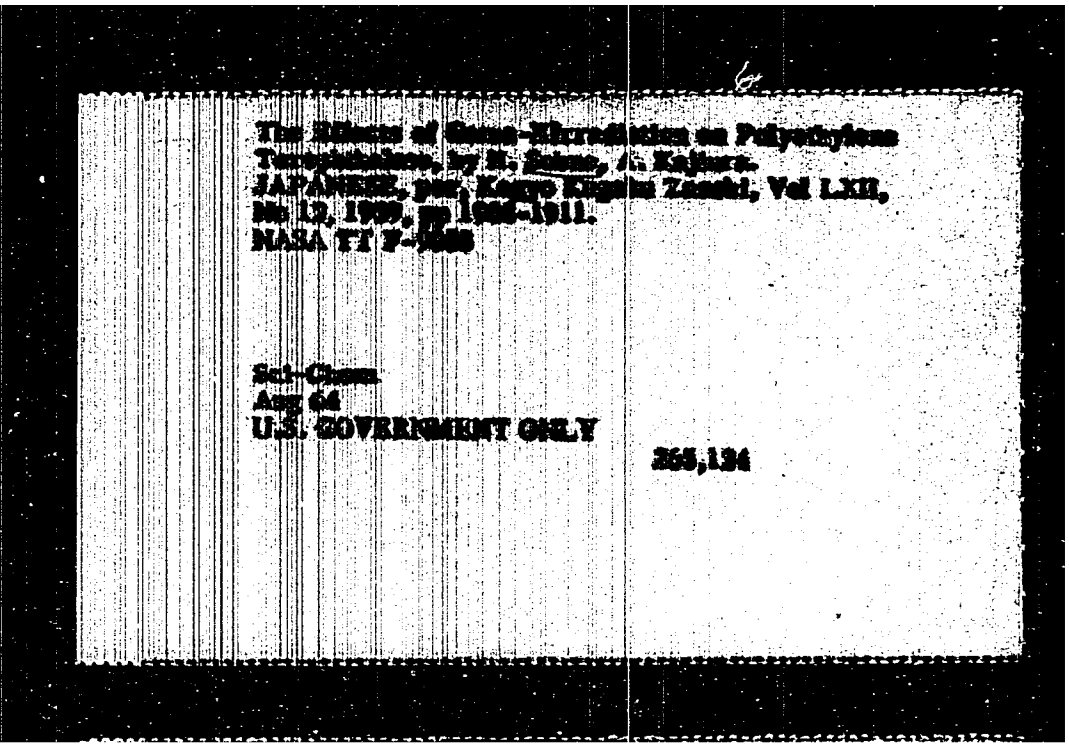

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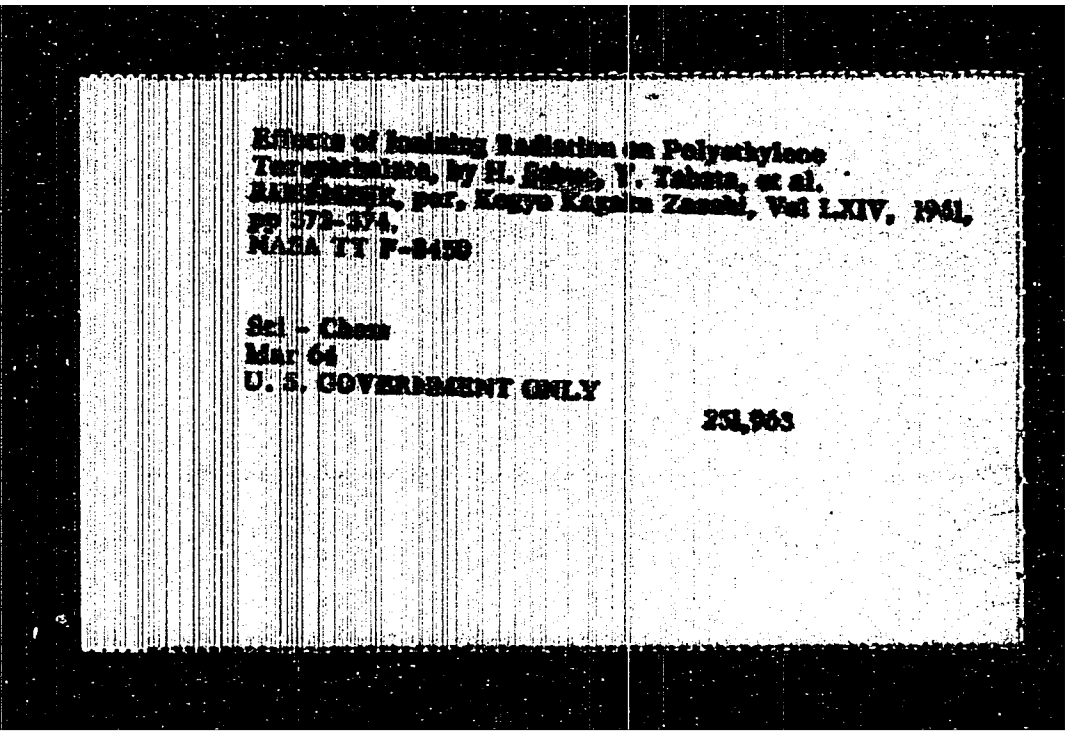

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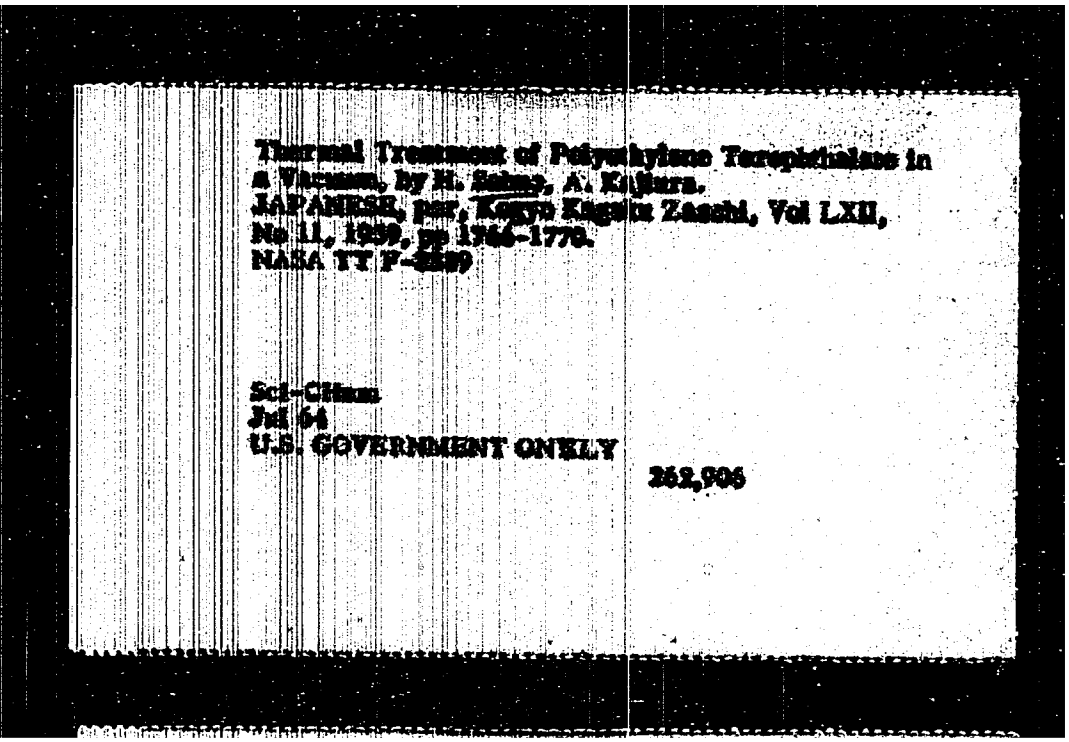

Thermal Treatment of Polyethylene Terephthalates in a Vacuum, by H. Saito, A. Kijara.
JAPANESE, Bur, Kogyo Kagaku Zasshi, Vol LXII, No 11, 1959, pp 1768-1770.
NASA TT F-[illegible]

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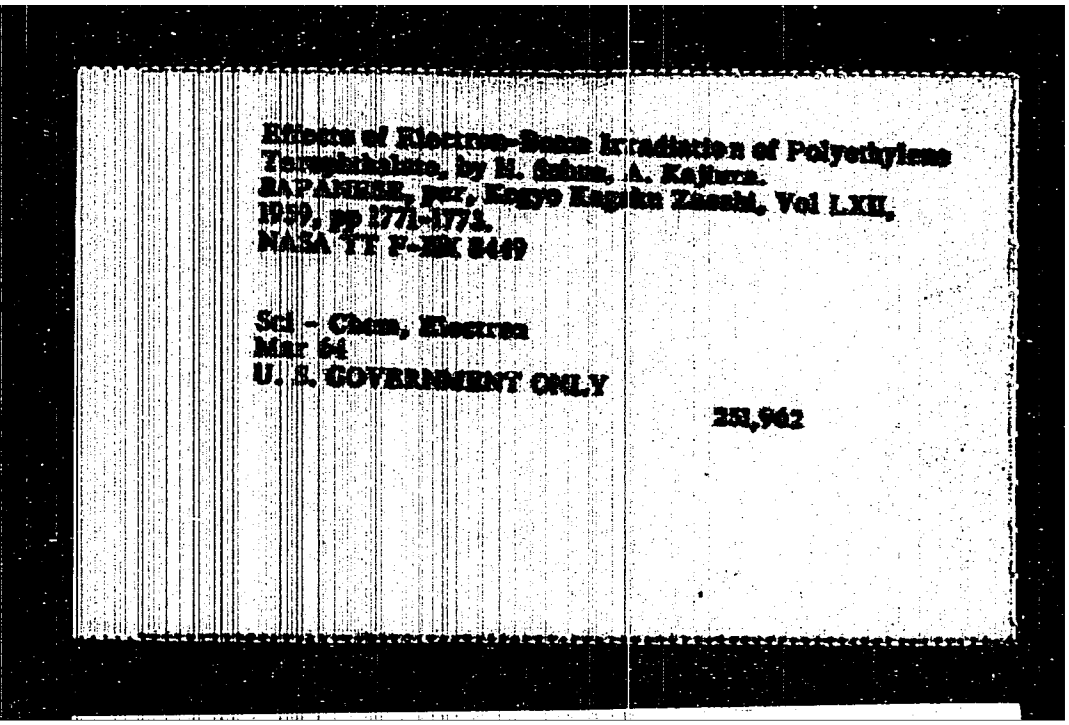

Effects of Electron-Beam Irradiation of Polyethylene Terephthalate, by H. Gotoo, A. Kajiura.
[illegible], Jap., Kogyo Kagaku Zasshi, Vol LXII, 1959, pp 1771-1773.
NASA TT F-[illegible] 8449

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Identification of Textile Fibres and the Detection of Mixed Fibres by Infra Red Absorption Spectra, by H. Sobue, S. Fukuhara.

JAPANESE, per, Sen-i Gakkaishi, Vol XVIII, No 2, 1962, pp 121-129.

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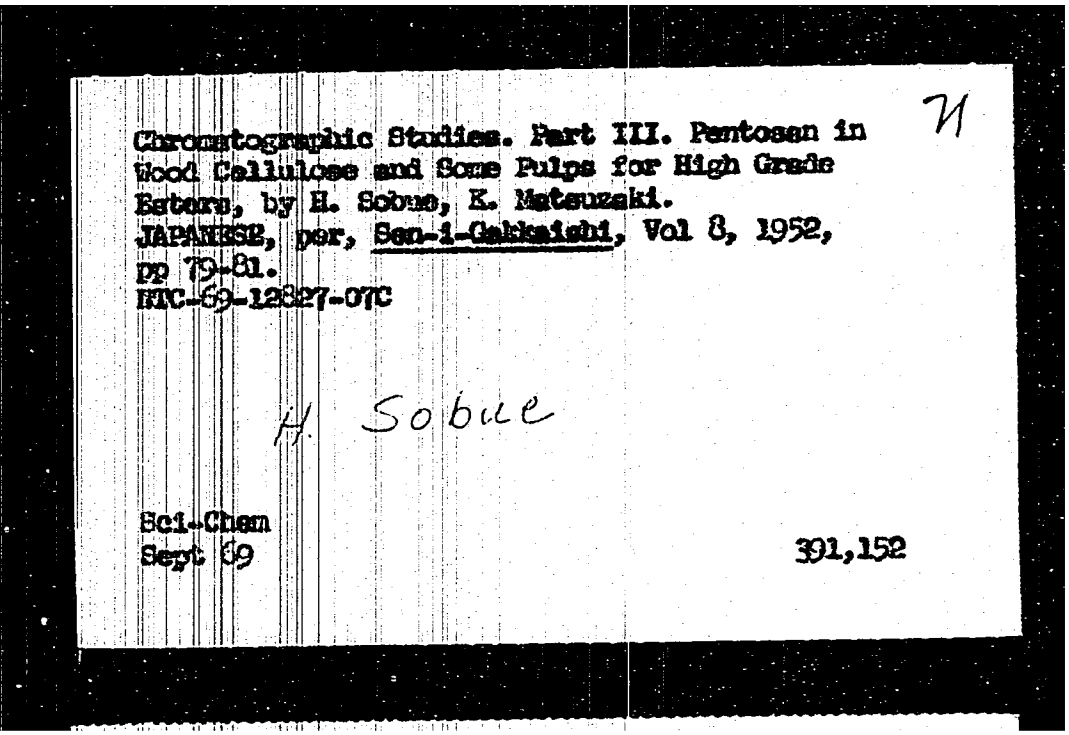

Chromatographic Studies. Part III. Pentosan in Wood Cellulose and Some Pulps for High Grade Esters, by H. Sobue, K. Matsuzaki.
JAPANESE, per, Sen-i-Gakkaishi, Vol 8, 1952, pp 79-81.
HTC-69-12827-07C

H. Sobue

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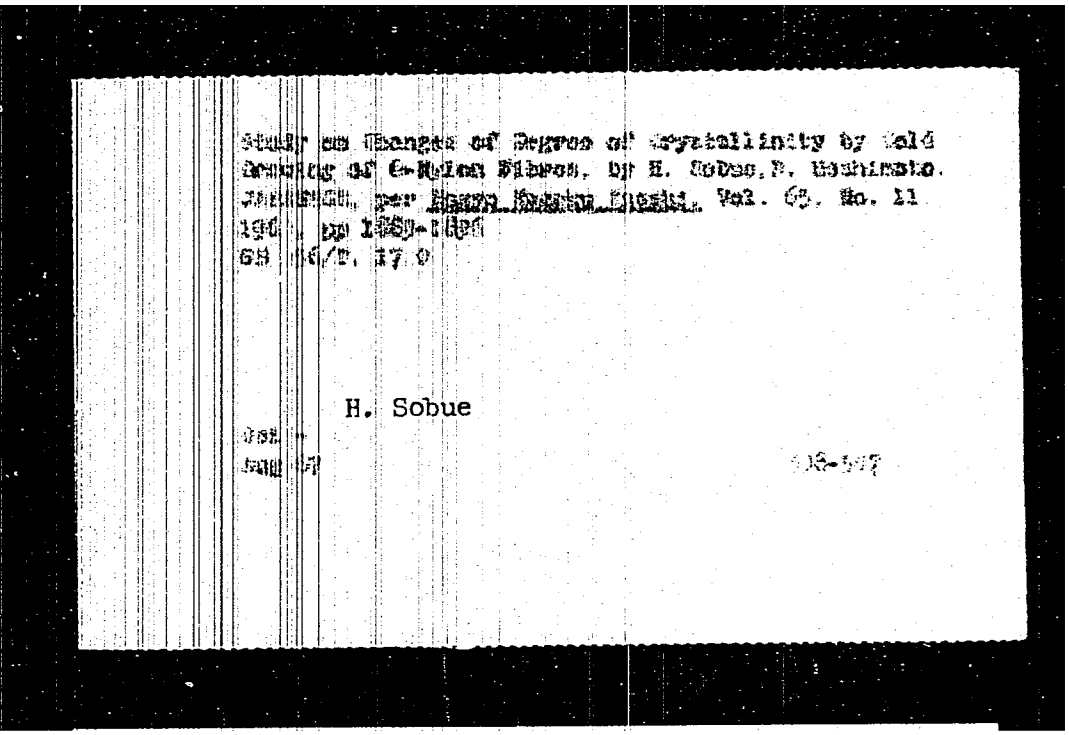

Study on Ranges of Degree of Crystallinity by Cold Drawing of C-Nylon Fibers, by H. Sobue, T. Kashiwabara. Journal, per Kogyo Kagaku Zasshi, Vol. 63, No. 11 1960, pp 1980-1984 GS 16/2, 17 0

H. Sobue

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Sobue, Hiroshi, Tomita, Akira and others.
METHOD OF MANUFACTURING ARYL DIALKYL PEROXIDE. July 63, 6p.
Order from SA $16.00 SA Code-P-177

Trans. of published Japanese patent 10668/1962, cl. 16-G-45, appl. no. 4665/1959 filed 14 Feb 59, pub. 9 Aug 62, by Tokai Denkyoku Seizo Co., Ltd.

DESCRIPTORS: *Peroxides, *Benzyl radicals, Methyl radicals, Production, Synthesis (Chemistry), *Hydroperoxides, Alcohols, *Ion exchange resins.

(Chemistry--Organic, TT, v. 10, no. 9)

63-22279

1. Title: Aryl dialkyl peroxide
I. Sobue, H.
II. Tomita, A.
III. Patent (Japan) pub. 37-10 668
IV. SA Code-P-177
V. Seizaburo Aoki (Japan)

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Study on Changes of Degree of Crystallinity by Cold Drawing of 6-Nylon Fibres, by H. Sobue, M. Hoshimoto. JAPANESE, per Kogyo Kagaku Zasshi, Vol. 65, No. 11, 1962, pp 1889-1896
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Physico-Chemical Studies of High-Molecular Electrolytes. III. Study of Ion Exchanges. Pt I. ~~Kada~~ Infrared Spectrophotometric Determination of Ion Exchange Equilibrium Constants, by Hiroshi Sobue, Yoneho Tabata.

JAPANESE, per, Nihon Kagaku Zasshi, (Journal of the Chemical Society of Japan, Industrial Chem Sec), Vol LVII, 1954, pp 469-471.

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Assoc Tech Svc 15G7J

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Sobue, Hiroshi, Tabata, Yoneho, and Oda, Eisuke. RADIATION-INDUCED POLYMERIZATION OF METHACRYLONITRILE. Oct 62, 6p. (figs. omitted) 3 refs. Order from SA $15.00 SA Code-G284

Trans. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64, no. 2, p. 378-379.

DESCRIPTORS: *Acrylonitriles, Polymerization, *Radiation effect, Inhibition, Viscosity, Infrared spectroscopy.

(Materials--Plastics, TT, v. 8, no. 12)

62-34455

I. Sobue, H.
II. Tabata, Y.
III. Oda, E.
IV. SA Code-G284
V. Seizaburo Aoki (Japan)

[illegible]6392

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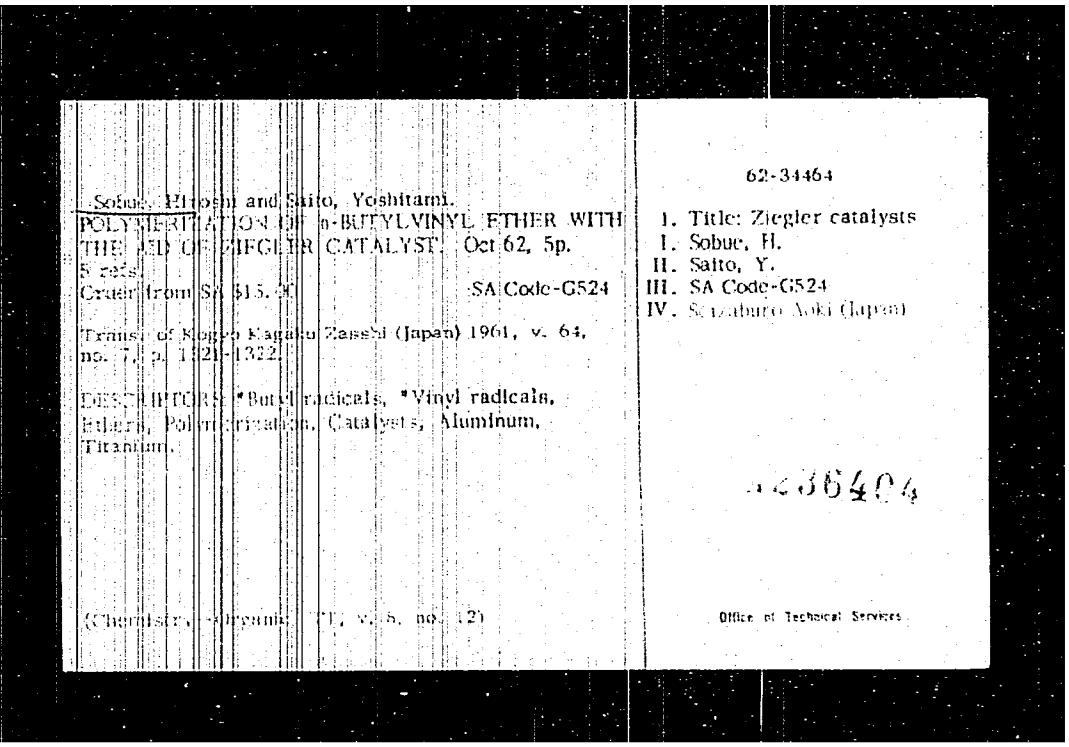

Sobue, Hiroshi and Saito, Yoshitami.
POLYMERIZATION OF n-BUTYLVINYL ETHER WITH THE AID OF ZIEGLER CATALYST. Oct 62, 5p.
5 refs.
Order from SA $15.00 SA Code-G524

Transl. of Kogyo Kagaku Zasshi (Japan) 1961, v. 64, no. 7, p. 1321-1322.

DESCRIPTORS: *Butyl radicals, *Vinyl radicals, Ethers, Polymerization, Catalysts, Aluminum, Titanium.

(Chemistry, Polymers, TT, v. 5, no. 12)

62-34464

I. Title: Ziegler catalysts
I. Sobue, H.
II. Saito, Y.
III. SA Code-G524
IV. Scientific Aoki (Japan)

A436404

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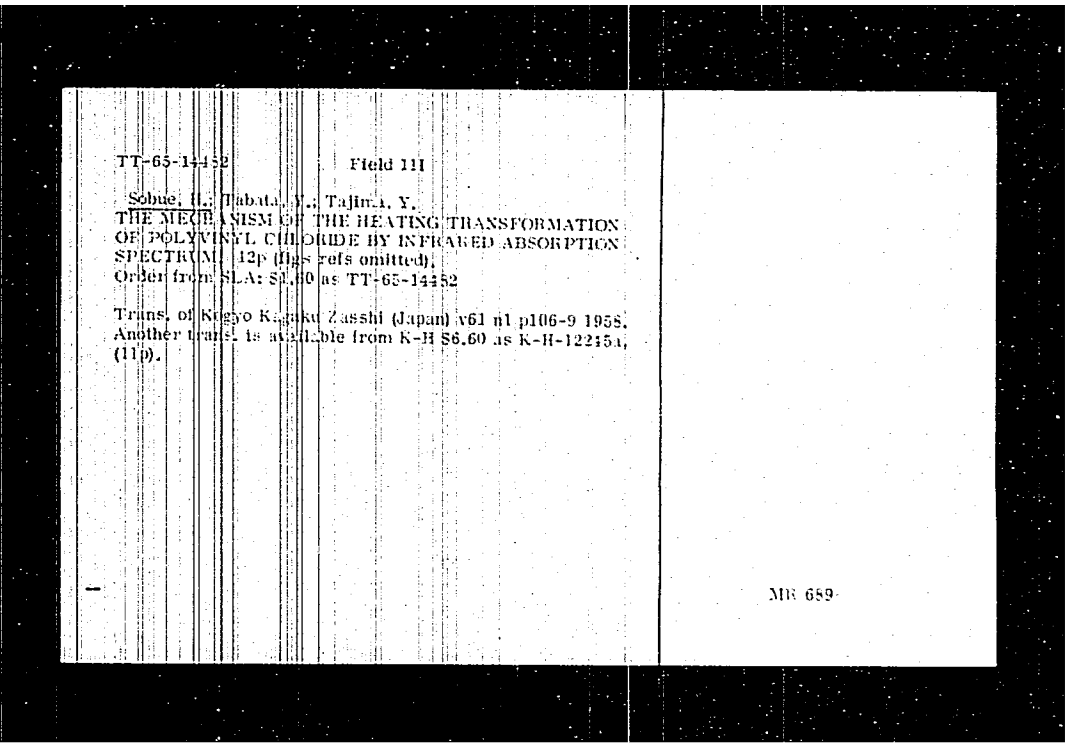

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Sobue, H.; Tabata, Y.; Tajima, Y.
THE MECHANISM OF THE HEATING TRANSFORMATION OF POLYVINYL CHLORIDE BY INFRARED ABSORPTION SPECTRUM. 12p (figs refs omitted).
Order from: SLA: $1.80 as TT-65-14452

Trans. of Kogyo Kagaku Zasshi (Japan) v61 n1 p106-9 1958.
Another transl. is available from K-H $6.60 as K-H-12215a, (11p).

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Sobui, Hiroshi.
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Order from K-H $6.60 K-H-12245-a

Trans. of Kogyo Kagaku Zasshi (Japan) 1958, v. 61, p. 106-109.

(Materials--Plastics, TT, v. 12, no. 1)

TT-64-12934

I. Sobui, H.
II. K-H-12245-a
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The Treatment of Skin Disorders with Lomecorten
Foam Spray, by P.Schyn.
DUTCH, Geneskrift fur Leeger, Vol.128, No.6,
pp.178-181,1966.
SLA-TT-66-11435

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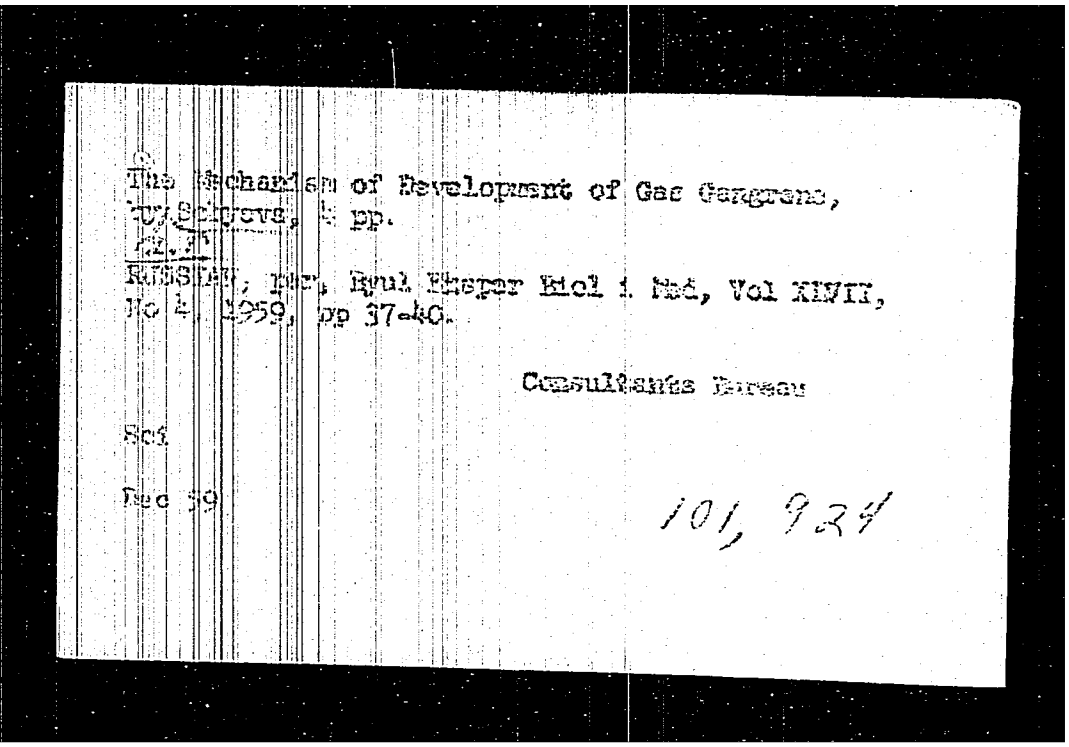

The Mechanism of Development of Gas Gangrene,
by Cepreva, 4 pp.
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RUSSIAN, Izv, Ryul Eksper Biol i Med, Vol XLVII,
No 4, 1959, pp 37-40.

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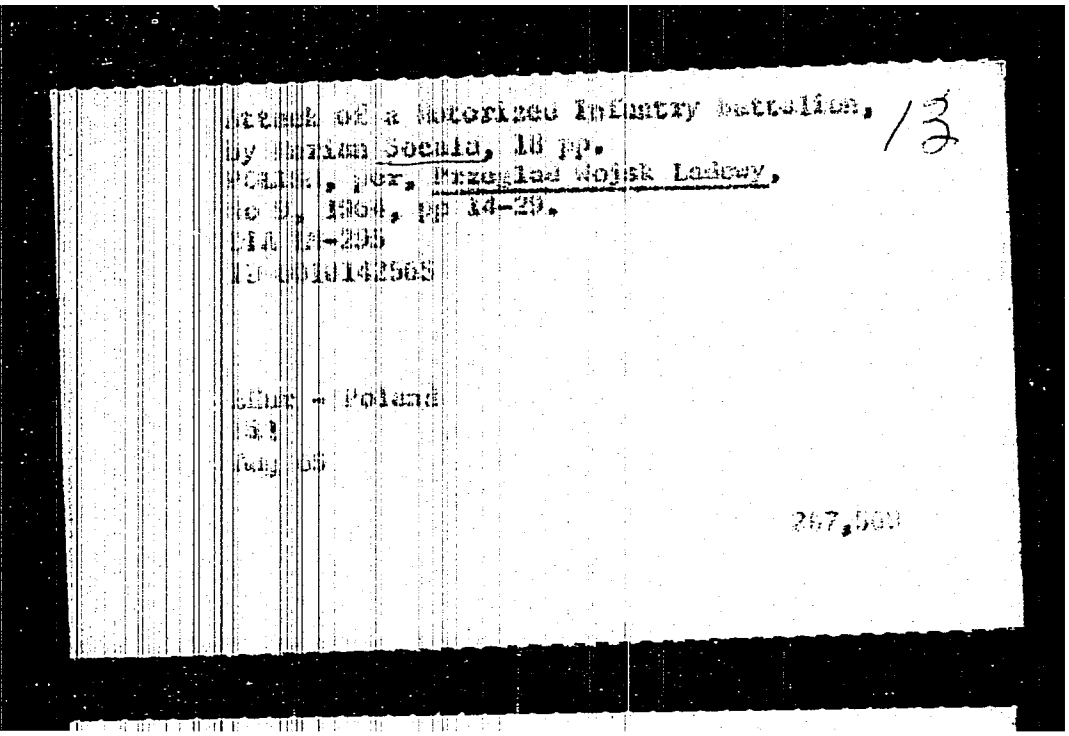

Attack of a Motorized Infantry Battalion,
by Antoni Socala, 18 pp.
Polish, per, Przeglad Wojsk Lotniczy,
No 9, 1964, pp 14-29.
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Possible Advantages from use of Anti-fissuring Agents in Coal Mixtures for Coke Oven Batteries, by P. Soch and C. Meimarakis.
[illegible], per, Rev. Gen. Therm., July 1-26, 1964.
*BISI 8971

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Hot Dip Galvanizing and Aluminizing of Steel Wire, by S. Socha.

POLISH, per, Prace Inst Hutnik, Vol XII, No 5, 1960, pp 239-247.

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Oxygen Utilization in a 250-Ton Open-Hearth Furnace, by Lifshits, Sochan. UNCLASSIFIED

RUSSIAN, mo per, Stal, May 1957, pp 402-405.

Co-op Tr Scheme
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Sci - Min/Met
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Sochava, I. V.
SPECIFIC HEAT OF POLYMETHYLMETHACRYLATE AND POLYSTYRENE AT LOW TEMPERATURES.
[1962] [5]p. 6 refs.
Order from OTS or SLA $1.10 63-13402

Trans. of Leningrad U. Vestnik (USSR) 1961, v. 16, no. 10, Ser[iya] Fizika i Khimiya, no. 2, p. 70-72.

DESCRIPTORS: *Specific heat, *Methyl radicals, *Styrenes, Low temperature research, *Acrylic resins, Styrene plastics.

The specific heat of polymethylmethacrylate and polystyrene was measured at temperatures between 16° and 50°K. The temperature dependence of the heat capacities of both substances was found to be linear at temperatures above 40°K. The high values of the specific heat of polymethylmethacrylate, compared to that of polystyrene, at temperatures above 60°K are (Materials--Plastics, TT, v. 10, no. 4) (over)

63-13402

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II. Translations, New York

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The Specific Heat of Chain Structures at Low Temperatures, by I. V. Sochava, O. N. Trapeznikova, 3 pp

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII, No 4, 1957, pp 784-786.

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Sov Phys-Doklady
Vol II, No 2

58-6-1636

Sci - Physics
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Sochava, I. V.
HEAT CAPACITY OF LINEAR POLYMERS AT LOW TEMPERATURES. [1960] 5p. 9 refs.
Order from LC or SLA mi$1.80, ph$1.80 61-10198

Trans. of Akad[emiya] Nauk SSSR. Doklady, 1960, v. 130 [no. 1] p. 126-128.

Heat capacity of polyethylene was measured from 17° to 60° K. That of trifluoroethylene was measured from 23 to 120 K.

(Chemistry--Organic, TT, v. 5, no. 2)

61-10198

1. Fluoroethylene polymers--Thermal properties
I. Sochava, I. V.

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The Relationship Between Excess Noise in Germanium and Surface Traps, by L. S. Sochava, D. N. Mirlin, 3 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III, No 1, 1960, pp 23-25.

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Intensity of Allowed and Forbidden Electron Paramagnetic Resonance Lines of Mn^{2} in $SrCl_2$, by G. L. Bir, L. S. Sochava, 9 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol V, No 12, 1963, pp 3594-3606.

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Sov Phys - Solid State
Vol V, No 12

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An Investigation of Current Noise in Semiconductors, by D. N. Mirlin, L. S. Sochava, 3 pp.

RUSSIAN, per, Priobory i Tekh Eksper, No 6, 1959, pp 75-77.

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A. Polar Ice, by I. Peschansky; B. With the Vegetation Maps of the Soviet Union, by V. Sochava. UNCLASSIFIED

RUSSIAN, per, Vokrug Sveta, Oct 1954, Moscow, pp 8-11, 13-16.

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G-3896

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Geographic - Polar Ice, maps
Scientific - Geophysics

021,617 CIS 65/Feb 55

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(FDD 19531)

Congress of Delegates of the All-Union Botanical Society 29-30 January 1950, by V. Sochava, 15 pp.

RUSSIAN, bimo per, Botan Zhur, Vol XXXV, No 4, Moscow-Leningrad, Jul Aug 1950, pp 438-442.

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Sci - Biology, conference

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The Alkuchanlan Govin; Long-Term Investigation of the Steppe Landscape, by V. B. Sochava, V. A. Frish, 186 pp.
RUSSIAN, bk, Alkuchanskiy Govin; Opyt Statsionarnogo Izucheniya Stepnogo Landshafta, 1964.
CFSTI TT 69-55089

V. B. Sochava

USSR/Geog
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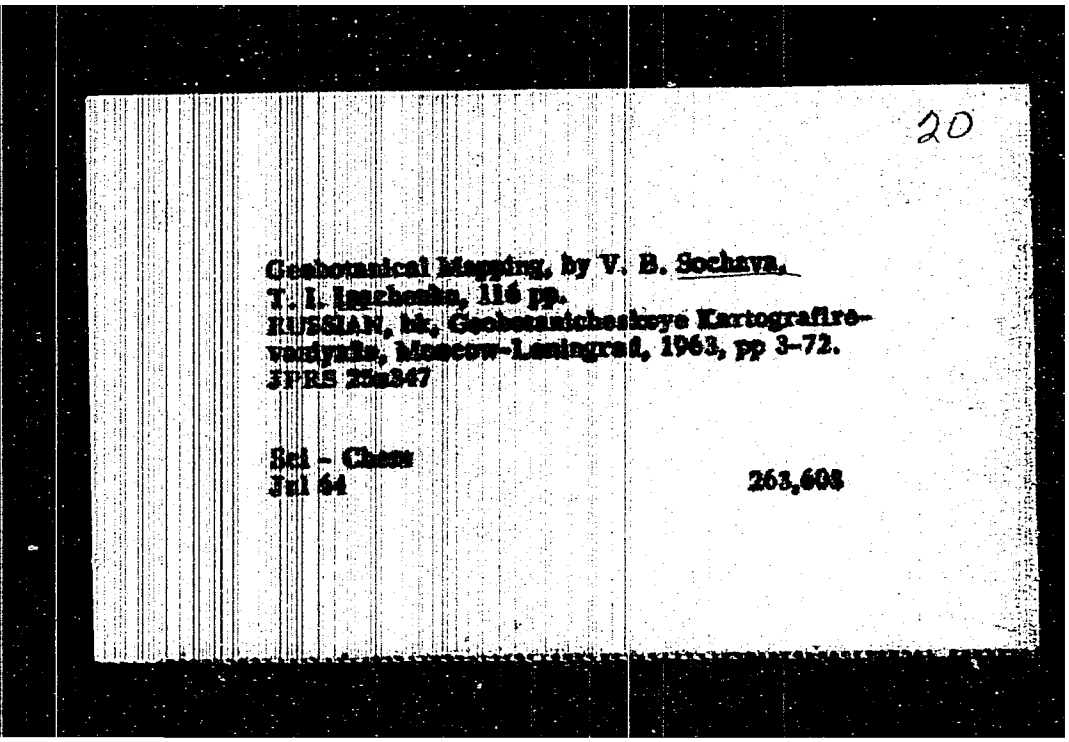

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Geobotanical Mapping, by V. B. Sochava.
T. I. Isachenko, 116 pp.
RUSSIAN, bk, Geobotanicheskoye Kartografirovaniye, Moscow-Leningrad, 1963, pp 3-72.
JPRS 25a347

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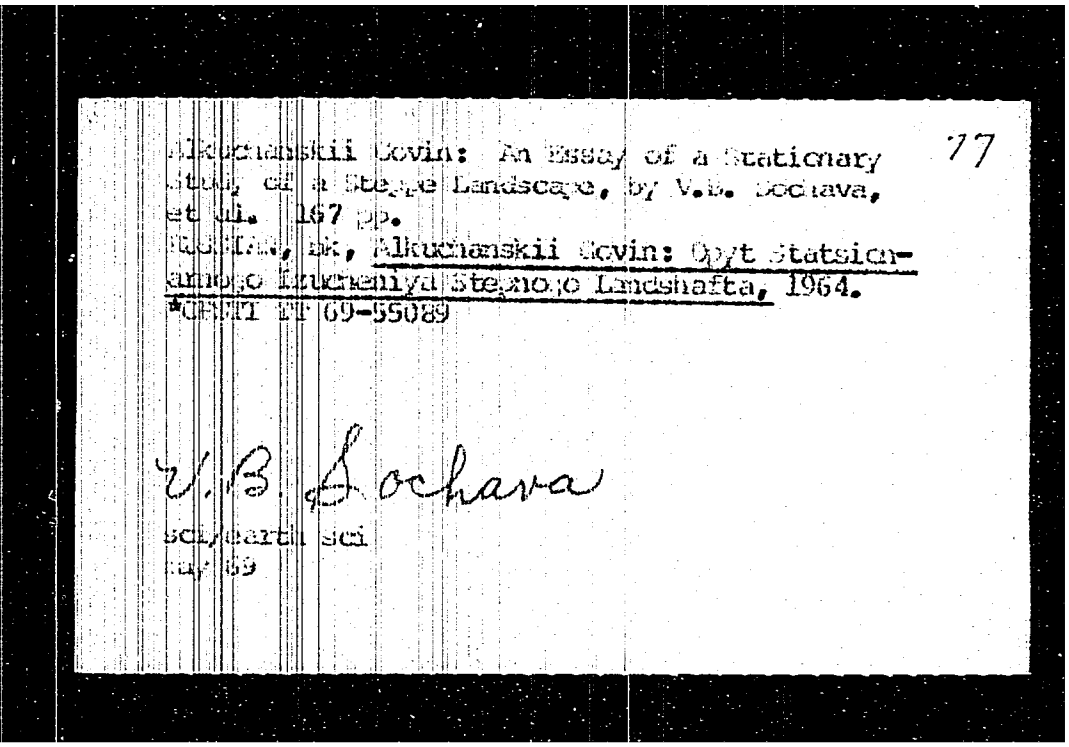

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Alkuchanskii Govin: An Essay of a Stationary Study of a Steppe Landscape, by V.B. Sochava, et al. 167 pp.
[illegible], ak, Alkuchanskii Govin: Opyt statsionarnogo izucheniya stepnogo landshafta, 1964.
*GPSTI TT 69-55089

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Microrelief Forms in the Tundras in Priamur'e
by V. B. Sochava.

RUSSIAN, per, Priroda, No 5-6, 1944, pp 107-109.

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QE3 E57 No 11

Sci - Biology
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Vol 4, No 2
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Microrelief Forms in the Tundras in Priamur'e,
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RUSSIAN, per, Priroda, No 5-6, 1944, pp 107-109.

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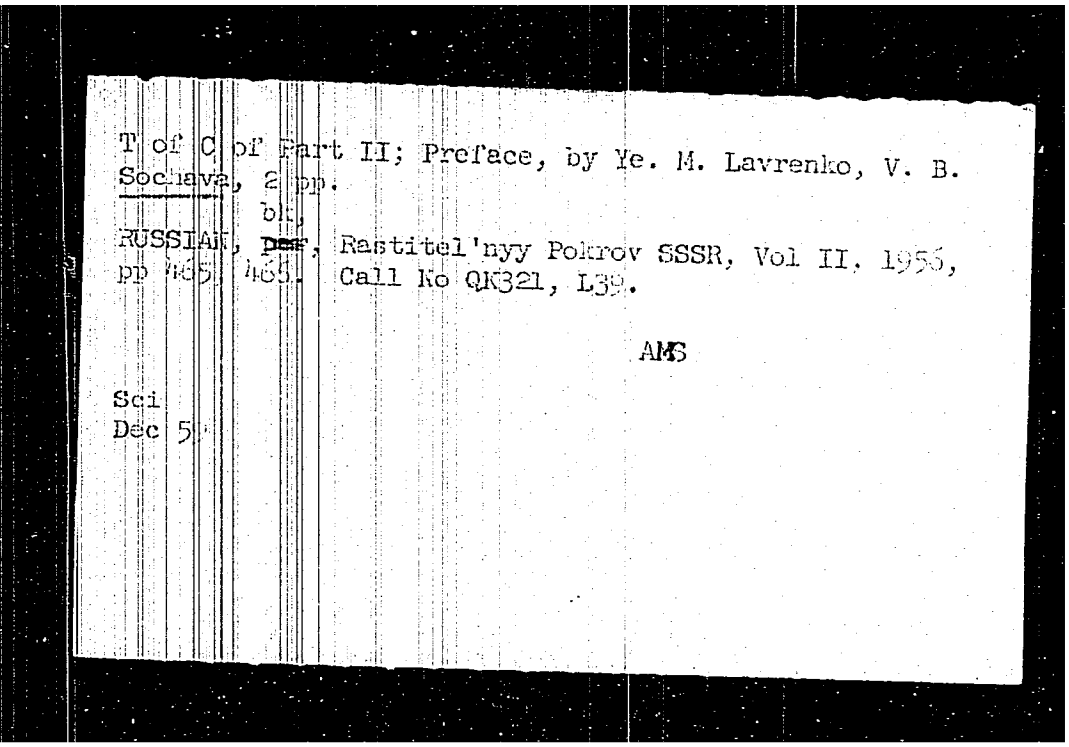

T of C of Part II; Preface, by Ye. M. Lavrenko, V. B. Sochava, 2 pp.

RUSSIAN, Rastitel'nyy Pokrov SSSR, Vol II, 1956, pp 465, 465. Call No QK321, L39.

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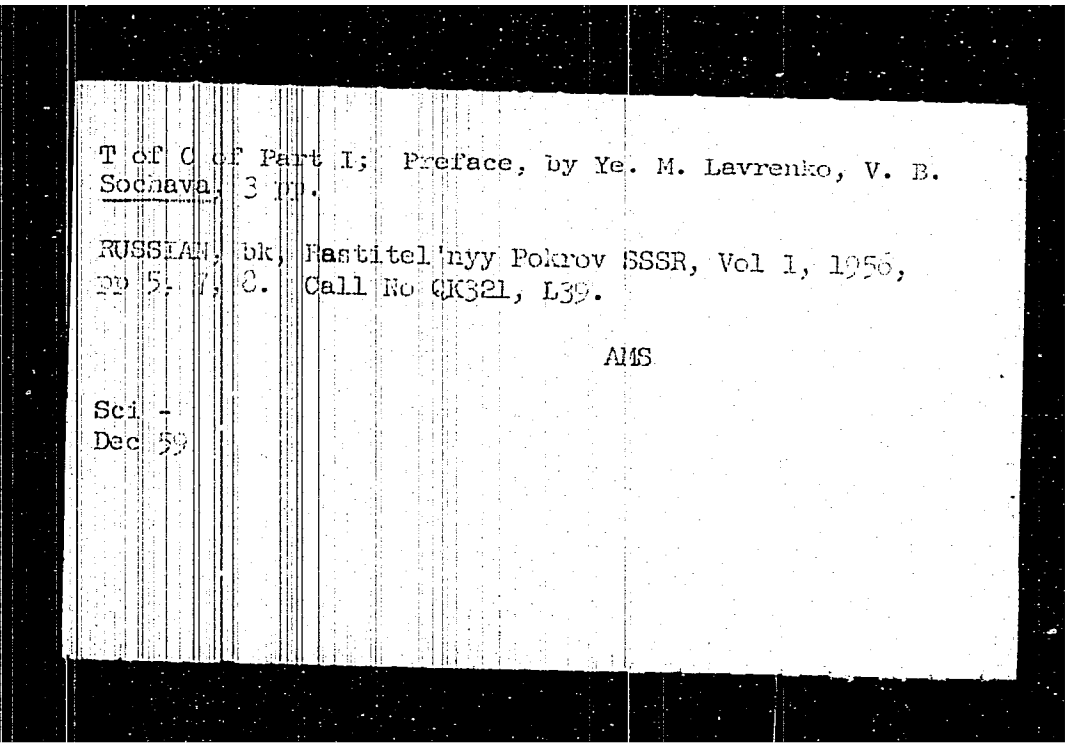

T of C of Part I; Preface, by Ye. M. Lavrenko, V. B. Sochava, 3 pp.

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The Spotty Tundras of the Anadyr District,
by V. B. Sochava, 28 pp.

RUSSIAN, per, Trudy Poliarnoi Komissiy, No 2,
1930, Lenigrad, pp 51-68

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The Preparation of Arylhalomonosilanes, by E. N. Sochestvenskaya, 2 pp.

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RUSSIAN, mo per, Zhur Obshch Khim, Vol XXVI, No 1, 1956, pp 231. CIA 9000404 C, Reel No 21

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Quantitative Relation between the Tension of Water Vapor and the Amount of Water Absorbed by the Soil, by N. Sochevanov.

RUSSIAN, per, Pochvovedenie, No 9, 1955, pp 49-55.

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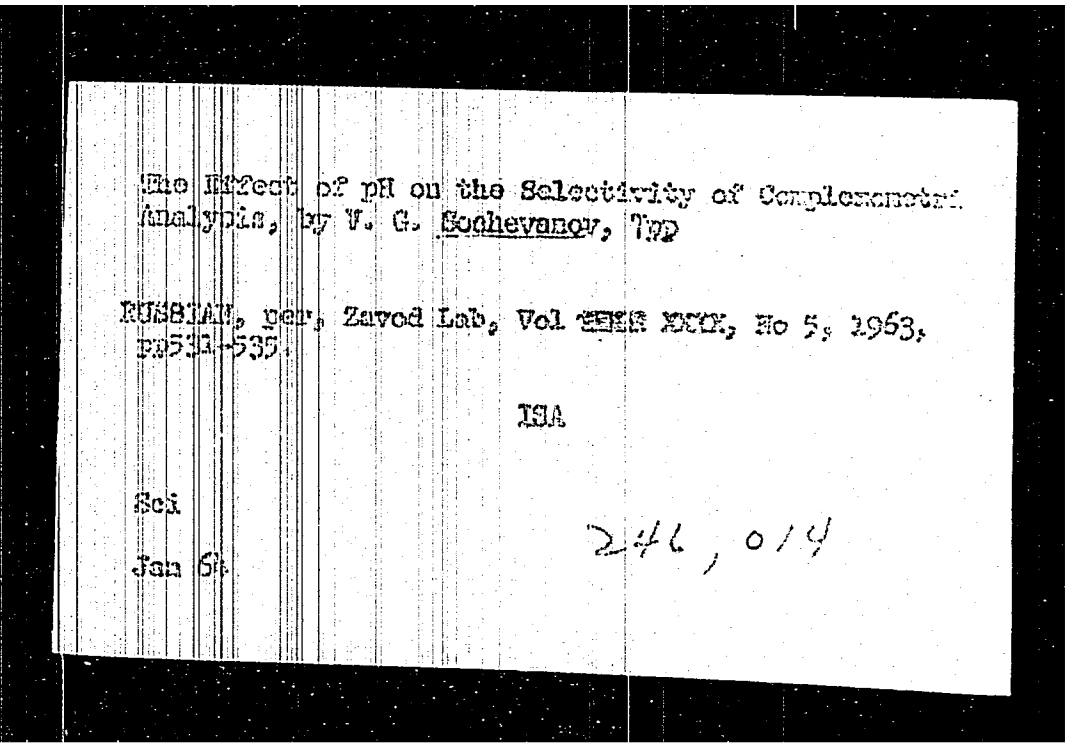

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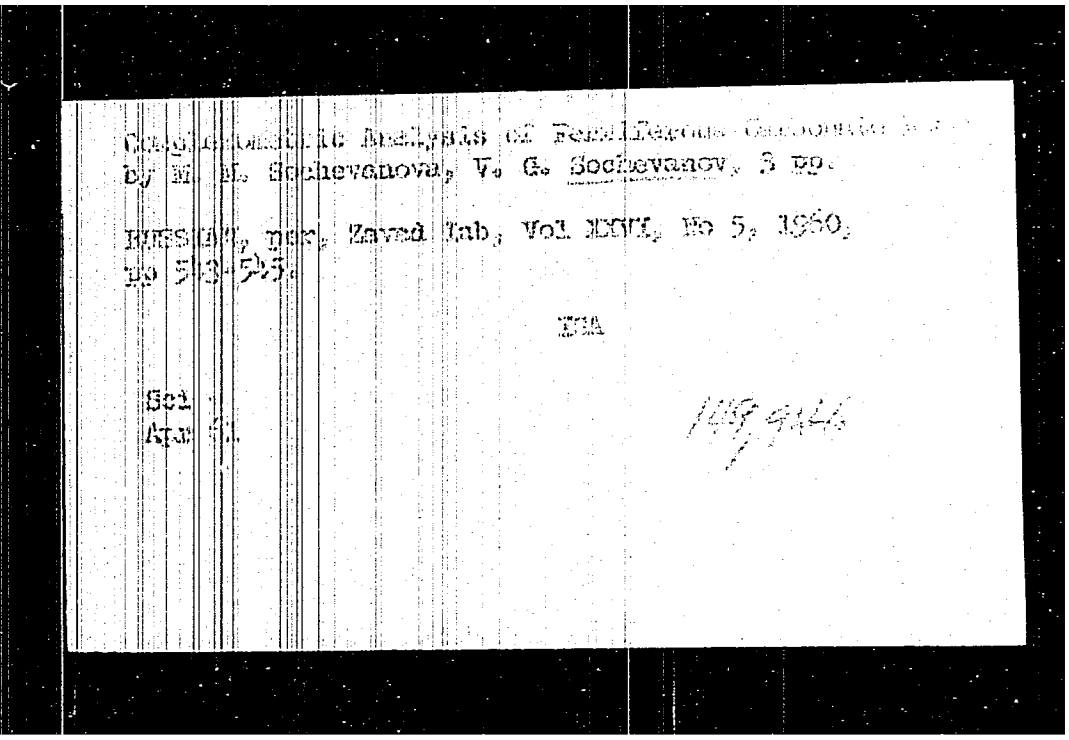

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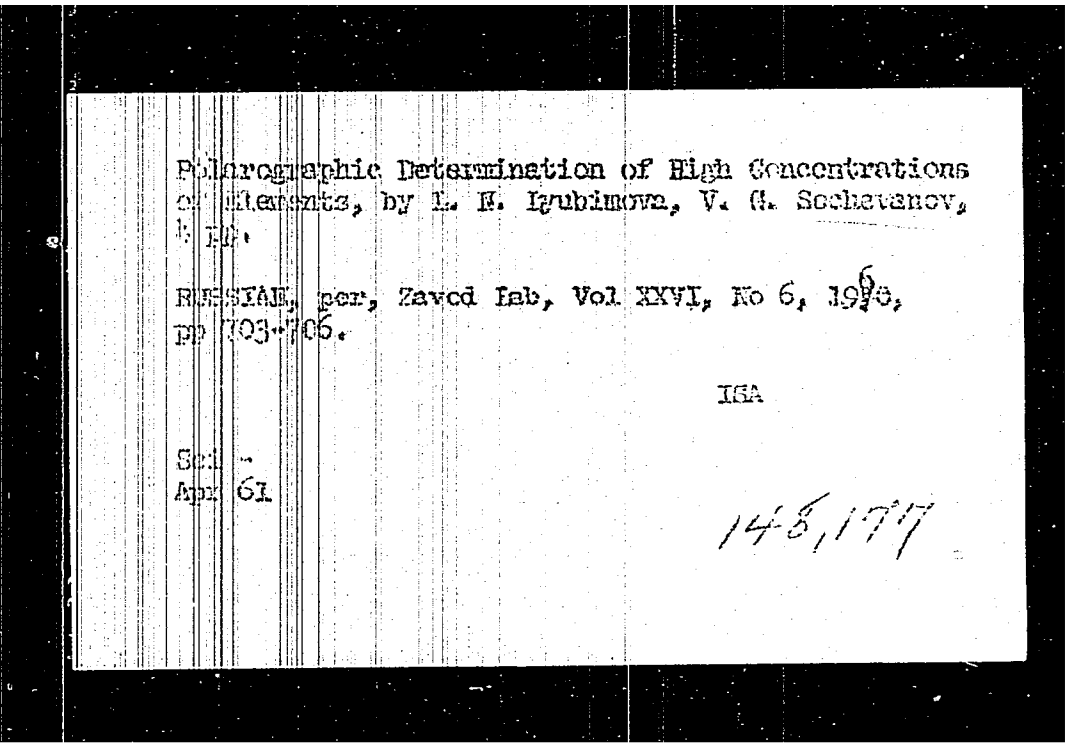

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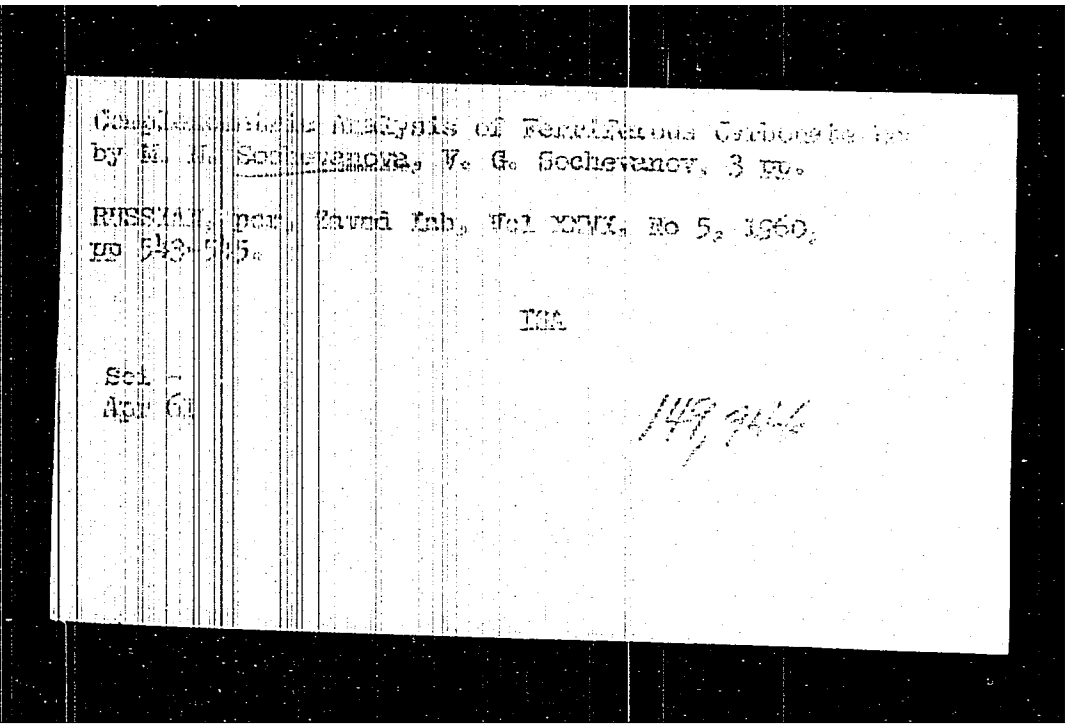

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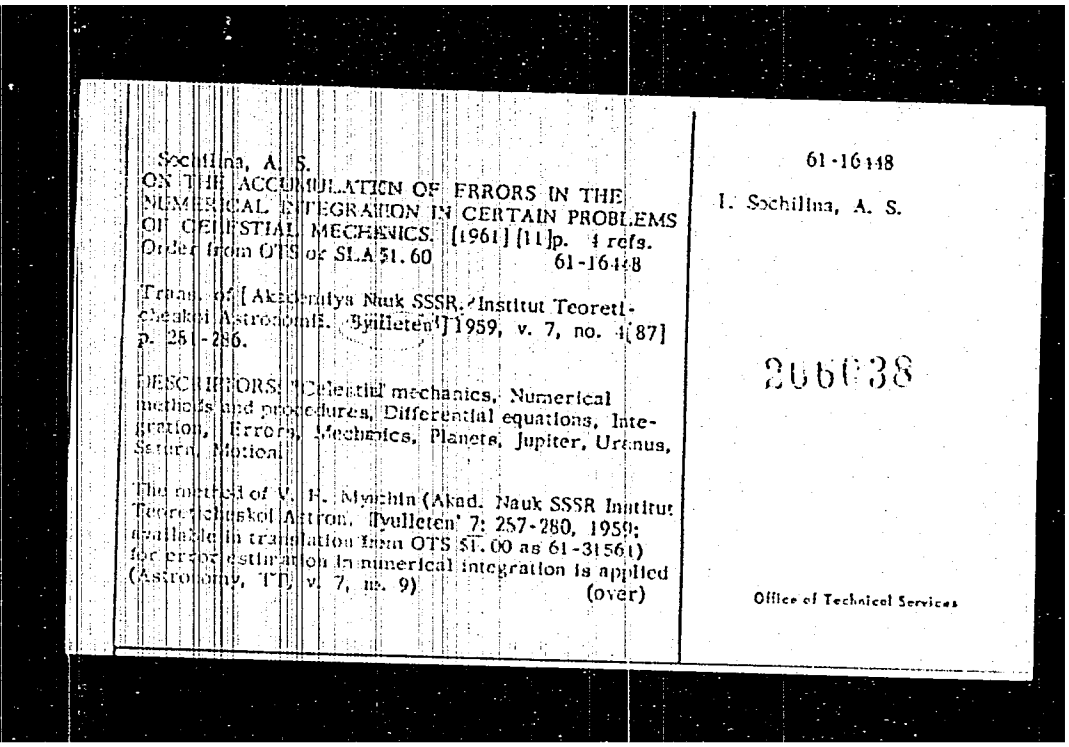

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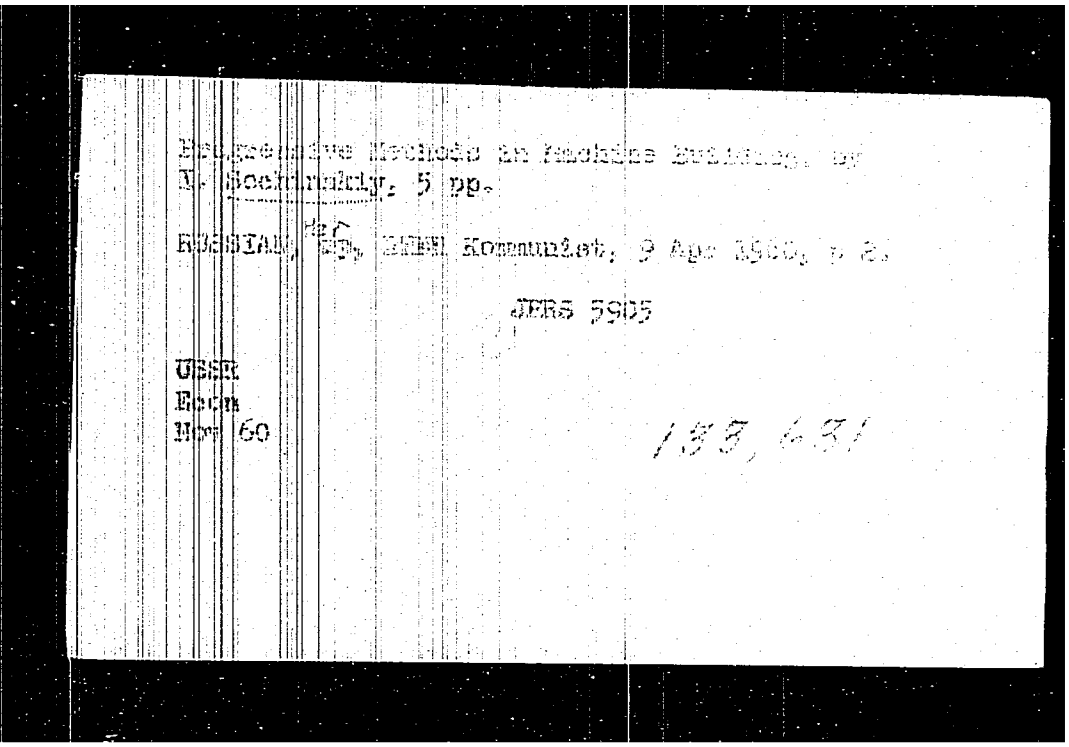

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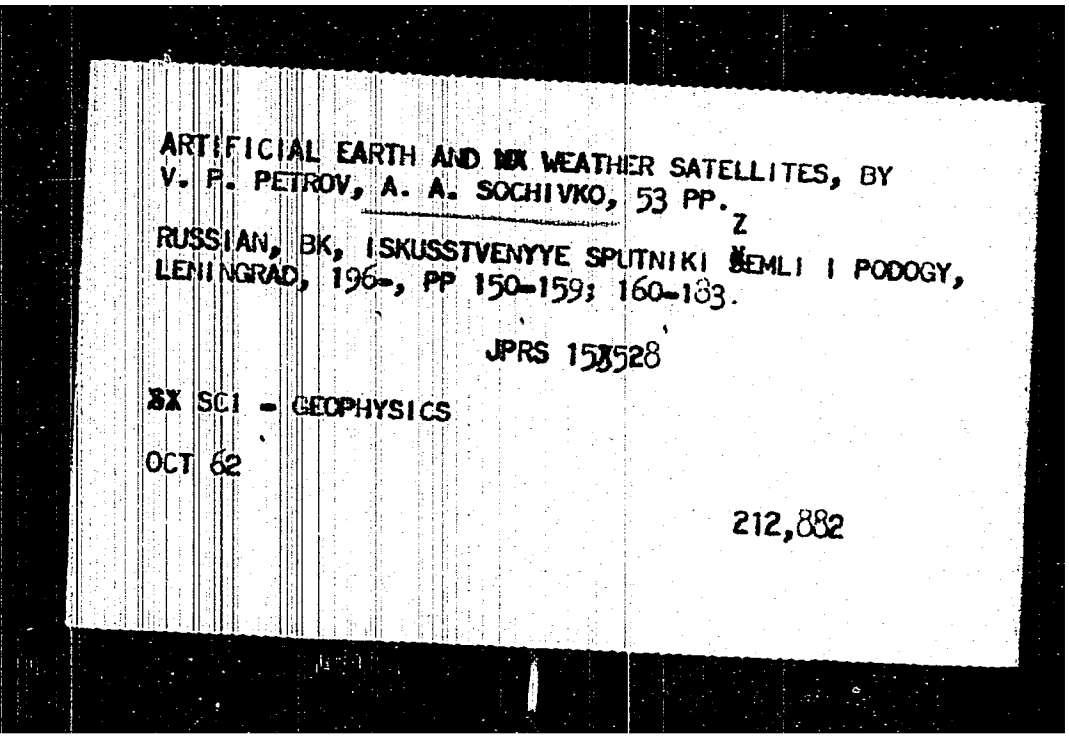

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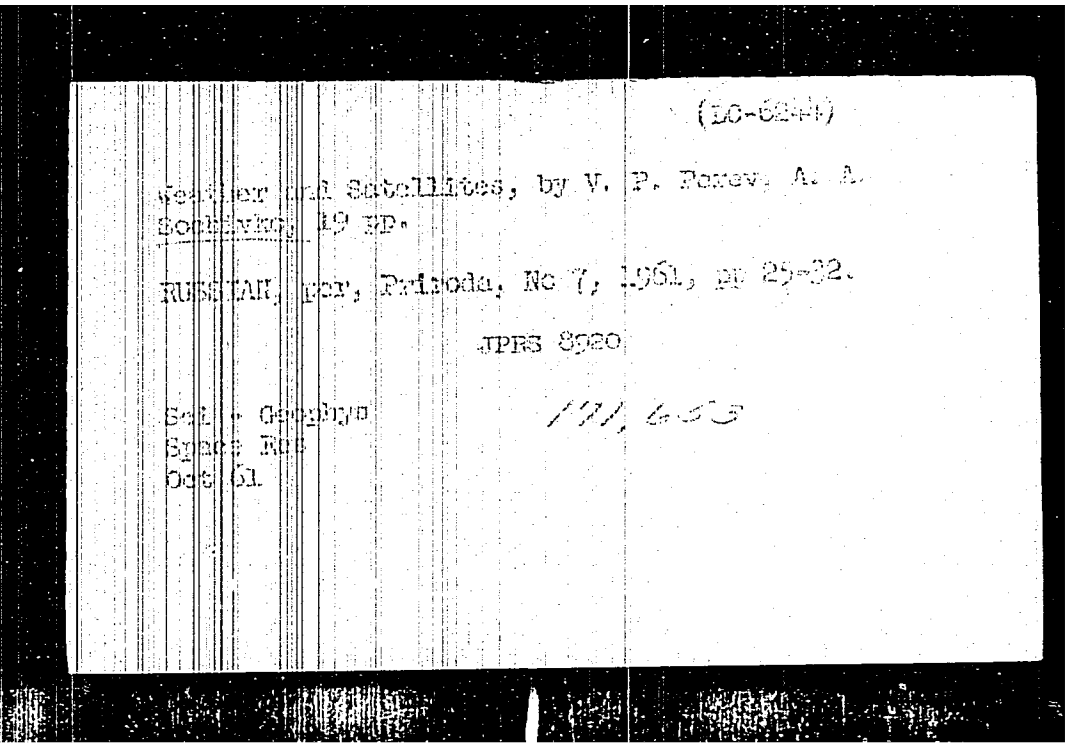

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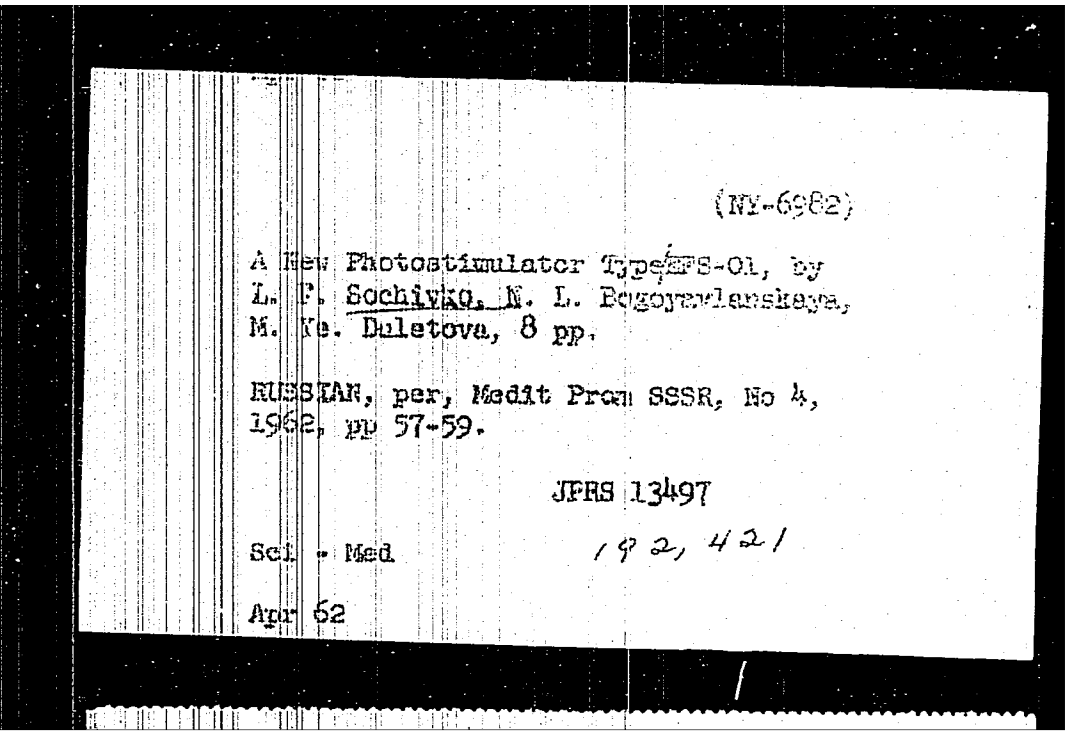

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